

FACTUM® novus II: Analysis and training equipment

Medical Training Therapy Equipment for Active Rehabilitation

Versatile training equipment suitable for use in all areas: sport, fitness, medical fitness, rehabilitation, therapy and prevention.

Large touch screen to set the ideal resistance and seat height in all units

Computer-assisted training with the chip to automatically find the right resistance settings and seat height.

The software handles the entire training management and analysis, Preparation of training plans, maximum power measurement, analysis of relative power etc.

Combination devices so that agonist and antagonist are trained simultaneously in just one exercise on a single device and the resistance values for the respective training direction, can be adjusted separately.

Modern hydraulic resistance system without weight plates, so that the movement can be aborted at any position, and the person training is not left carrying the weight to avoid risk of injury.

Meets highest quality standards for fabrication and quality management system according to EN ISO 13485



Choice of Stations:

1. LEG TRAINER

Hip flexor (iliopsoas) hamstrings Shin musculature (tibialis anterior)

Gluteal muscle Quadriceps calf musculature

2. SHOULDER TRAINER

Deltoid muscle, triceps, trapezius, pectoral muscle

Biceps, large back muscle

3. CHEST AND POSTURE TRAINER

Pectoral muscle, anterior deltoid muscle

Posterior deltoid muscle, rhomboid muscle, trapezius

4. ROWING MACHINE / CHEST PRESS

Biceps, pectoral muscle, deltoid muscle

Trapezius, deltoid muscle, large back muscle, triceps, rhomboid muscle

5. ABDOMINAL & BACK TRAINER

Straight abdominal muscle

Back extensor, psoas muscle

6. TORSO ROTATOR

Diagonal abdominal muscles

Intercostal muscle

7. LATERAL TRAINER

Diagonal abdominal muscles,

Psoas muscle

8. KNEE FLEXOR / EXTENSOR

Anterior thigh muscles quadriceps


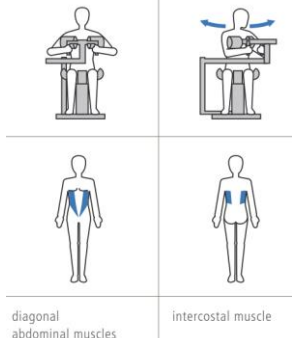

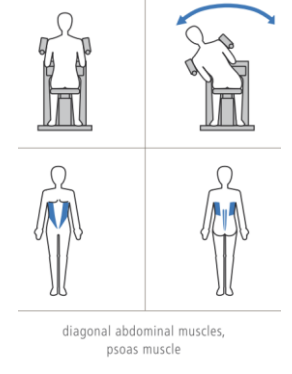

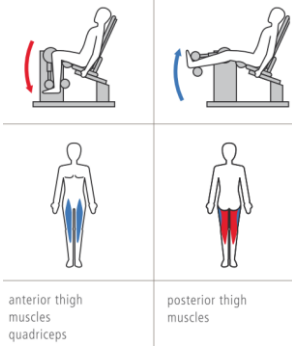

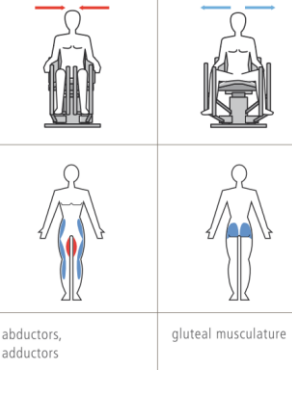
Posterior thigh muscles

9. ABDUCTOR/ADDUCTOR FUNCTIONAL

Abductors, adductors

Gluteal musculature

<p>LEG TRAINER</p> <ul style="list-style-type: none"> ➤ Hip flexor (iliopsoas) hamstrings Shin musculature (tibialis anterior) ➤ Gluteal muscle Quadriceps calf musculature 		 <p>■ Leg flexion (pulling toward the body / concentric) Hip flexor (iliopsoas) Hamstrings Shin musculature (tibialis anterior)</p>	 <p>■ Leg extension (pushing away from the body / concentric) Gluteal muscle Quadriceps Calf musculature</p>
<p>SHOULDER TRAINER</p> <ul style="list-style-type: none"> ➤ Deltoid muscle, triceps, trapezius, pectoral muscle ➤ Biceps, large back muscle 		 <p>deltoid muscle, triceps, trapezius, pectoral muscle</p>	 <p>biceps, large back muscle</p>
<p>CHEST AND POSTURE TRAINER</p> <ul style="list-style-type: none"> ➤ Pectoral muscle, anterior deltoid muscle ➤ Posterior deltoid muscle, rhomboid muscle, trapezius 		 <p>pectoral muscle, anterior deltoid muscle</p>	 <p>posterior deltoid muscle, rhomboid muscle, trapezius</p>
<p>ROWING MACHINE / CHEST PRESS</p> <ul style="list-style-type: none"> ➤ Biceps, pectoral muscle, deltoid muscle ➤ Trapezius, deltoid muscle, large back muscle, triceps, rhomboid muscle 		 <p>biceps, pectoral muscle, deltoid muscle</p>	 <p>trapezius, deltoid muscle, large back muscle, triceps, rhomboid muscle</p>
<p>ABDOMINAL & BACK TRAINER</p> <ul style="list-style-type: none"> ➤ Straight abdominal muscle ➤ Back extensor, psoas muscle 		 <p>straight abdominal muscle</p>	 <p>back extensor, psoas muscle</p>

<p>TORSO ROTATOR</p> <ul style="list-style-type: none"> ➤ Diagonal abdominal muscles ➤ Intercostal muscle 		 <p>diagonal abdominal muscles intercostal muscle</p>
<p>LATERAL TRAINER</p> <ul style="list-style-type: none"> ➤ Diagonal abdominal muscles, ➤ Psoas muscle 		 <p>diagonal abdominal muscles, psoas muscle</p>
<p>KNEE FLEXOR / EXTENSOR</p> <ul style="list-style-type: none"> ➤ Anterior thigh muscles quadriceps ➤ Posterior thigh muscles 		 <p>anterior thigh muscles quadriceps posterior thigh muscles</p>
<p>ABDUCTOR / ADDUCTOR FUNCTIONAL</p> <ul style="list-style-type: none"> ➤ Abductors, adductors ➤ Gluteal musculature 		 <p>abductors, adductors gluteal musculature</p>

Correct training guaranteed: The device doesn't let anyone cheat. Only the correct movements are counted. A running bar shows the ideal training speed; the person training adjusts his or her movements accordingly and therefore sticks to an even rhythm from the first movement to the last.

Computer-assisted training with the chip egg

The system automatically finds the right resistance settings and seat height during computer-assisted training with the chip egg. Simply insert the chip egg, the device adjusts the settings automatically, and training can begin.

Combination devices

The agonist and antagonist are trained simultaneously in just one exercise on a single device. This does not require any device adjustments; it all takes place in just one fluid movement. The effective way to train. Here you save space, time and energy.

Important: Naturally, the resistance values for the respective training direction, for instance abdominal or back exercises, can be adjusted separately. This allows the person training to achieve ideal muscular balance.

Safe training

Our modern hydraulic resistance system does entirely without weight plates.

The pattern of training is concentric/concentric; the movement can be aborted at any position, and the person training is not left carrying the weight. This is ideal for pain patients, older people and overweight exercisers.

A compact miracle

Buy 9 – receive 16! The 9 FACTUM novus II equipment offers you the performance and therapy options otherwise found only in 16 different training devices. And their compact form means they fit snug in any practice. A rare find!

Medical products

Safe training is essential when it comes to the well-being of your patients and clients. This is why FREI AG maintains a **quality management system according to DIN EN 13485**. The highest standards of manufacturing quality made in Germany guarantee that you will be satisfied.

Features

- Training form: concentric
- Maximum force measurement
- Freely selectable initial position
- Asymmetric torque adjustment
- In addition, via the asymmetrical rod the knee pads can be adjusted horizontally to small or large exercise persons
- Angle-adjustable head and backrest
- Repositionable lordosis pad
- Biofeedback for optimum training
- Power supply 230 V

Patented design